

PRODUCT-DETAILS

XT4H 250 TMA 250-2500 3p F F

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### General Information

|                       |   |
|-----------------------|---|
| Extended Product Type | XT4H 250 TMA 250-2500 3p F F  |
| Product ID            | 1SDA068345R1  |
| EAN                   | 8015644022518   |
| Catalog Description   | XT4H 250 TMA 250-2500 3p F F  |
| Long Description      | C.BREAKER TMAX XT4H 250 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 250 I3=1250...2500 A |

### Ordering

|                        |               |
|------------------------|---------------|
| E-Number (Finland)     | 3638098       |
| EAN                    | 8015644022518 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

### Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 105 mm  |
| Product Net Height         | 160 mm  |
| Product Net Depth / Length | 82.5 mm |

|                    |          |
|--------------------|----------|
| Product Net Weight | 2.253 kg |
|--------------------|----------|

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 145 mm        |
| Package Level 1 Height         | 210 mm        |
| Package Level 1 Depth / Length | 168 mm        |
| Package Level 1 Gross Weight   | 2.386 kg      |
| Package Level 1 EAN            | 8015644022518 |

## Environmental

|             |  |
|-------------|--|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
|-------------|--|

## Additional Information

|   |   |
|---|---|
| Circuit Breaker Type to be Associated                       | Power Distribution  |
| Current Type  | AC/DC   |
| Electrical Durability                                       | 120 cycles per hour<br>8000 cycle   |
| Mechanical Durability                                       | Nr. Operations 240 cycles per hour<br>Nr. Operations 25000 cycle                                    |
| Number of Poles   | 3   |
| Opening Time  | CB with SOR 15 ms<br>CB with UVR 15 ms  |
| Order Multiple  | 1 piece   |
| Power Loss  | at Rated Operating Conditions per Pole 16.44 W  |
| Product Main Type   | SACE Tmax XT  |
| Product Name  | Moulded Case Circuit Breaker  |
| Product Type  | CB  |
| Rated Current ( $I_n$ )                                     | 250 A   |
| Rated Frequency (f)   | 50 / 60 Hz  |
| Rated Voltage ( $U_r$ )                                     | 690 V   |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 8 kV  |
| Rated Instantaneous Short-Circuit Current Setting ( $I_s$ ) | 1250...2500 A   |
| Rated Insulation Voltage ( $U_i$ )                          | 1000 V  |
| Rated Operational Voltage                                   | 690 V AC<br>500 V DC  |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | (220 V AC) 100 kA<br>(230 V AC) 100 kA<br>(240 V AC) 100 kA<br>(380 V AC) 70 kA<br>(415 V AC) 70 kA |

|   |   |
|---|---|
|   | (440 V AC) 65 kA<br>(500 V AC) 50 kA<br>(525 V AC) 45 kA<br>(690 V AC) 15 kA<br>(250 V DC) 2 Poles in Series 70 kA<br>(500 V DC) 2 Poles in Series 70 kA<br>(500 V DC) 3 Poles in Series 70 kA  |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (220 V AC) 100 kA<br>(230 V AC) 100 kA<br>(240 V AC) 100 kA<br>(380 V AC) 70 kA<br>(415 V AC) 70 kA<br>(440 V AC) 65 kA<br>(500 V AC) 50 kA<br>(525 V AC) 45 kA<br>(690 V AC) 15 kA<br>(250 V DC) 2 Poles in Series 70 kA<br>(500 V DC) 2 Poles in Series 70 kA<br>(500 V DC) 3 Poles in Series 70 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 250 A   |
| Release   | TMA   |
| Release Type  | TM  |
| Setting Range   | 175...250 A   |
| Short-Circuit Performance Level                             | H   |
| Standards   | IEC   |
| Sub-type  | XT4   |
| Terminal Connection Type                                    | Fixed Circuit-Breakers  |
| Version   | F   |

### Certificates and Declarations (Document Number)

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 1SDC210100D0206<br>1SDC210099D0206 |
| Declaration of Conformity - CE    | 9AKK106713A5529                    |
| Environmental Information         | 1SDL000190R0001                    |
| GL Certificate                    | 1SDL000163R0095                    |
| Instructions and Manuals          | 1SDH000722R0001                    |
| LR Certificate                    | 1SDL000163R0100                    |
| RoHS Information                  | LB-DT 17-21D                       |

### Classifications

|                            |  |
|----------------------------|--|
| ETIM 4                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 5                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 6                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot.      |
| ETIM 7                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| Object Classification Code | Q  |
| UNSPSC                     | 39120000   |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm)                   |

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## Categories

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Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Tmax XT

